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song thrush (*Turdus musicus*), England; 1 robin (*Turdus migratorius*); 1 gray fox (*Vulpes virginianus*); 2 prairie wolves (*Canis latrans*); 2 swift foxes (*Vulpes velox*); 1 spider monkey (*Ateles belzebuth*), Brazil; 1 coati (*Nasua narica*), red var., Brazil; 1 opossum and 11 young (*Didelphys virginiana*).

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PROCEEDINGS OF SCIENTIFIC SOCIETIES.

APPALACHIAN MOUNTAIN CLUB.—June 12.—The reports of the Councillors of Topography and Art presented their report. Mr. W. H. Pickering described some new points of interest near Campton, N. H.; Miss M. F. Whitman read a paper entitled "Moat Mt. Experiences."

June 22.—The Club made an excursion to Mt. Wachusett.

July 10.—The fifth field meeting was held at the Fabyan House, White Mountains, N. H. Mr. Samuel H. Scudder spoke of the insects of high altitude in North America. Prof. C. H. Hitchcock exhibited a model of the White mountains, and read an explanatory paper, including the results of recent explorations.

ENTOMOLOGICAL CLUB OF THE AMERICAN ASSOCIATION FOR THE ADVANCEMENT OF SCIENCE.—The annual meeting of the Club will be held at St. Louis, Mo., on Tuesday, August 20, 1878, at three o'clock, P. M. All entomologists who are interested are invited to assist, and will report at the headquarters of the Association at the Lindell Hotel, on the 19th or 20th, where they will be informed of the exact place of meeting. The meetings of the Association will begin on the morning of August 21. Prof. J. K. Rees, at St. Louis, will give information to members about car fares and accommodations. B. Pickman Mann, Secretary.

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SCIENTIFIC SERIALS.

THE PALÆONTOLOGIST, Cincinnati, July 2, 1878; U. P. James.—We have received the first number of this publication, which appears in octavo size, and is very neatly printed. We are informed on the title page that it will be issued whenever there is sufficient material in a state of preparation to warrant it. Its object is stated to be to insure "early publication of scientific memoirs in geology and palæontology, in order to avoid the frequent delays when depending on the regular serials, journals and proceedings of societies." This number containing a paper by Mr. U. P. James, on extinct *Invertebrata* from the Lower Silurian formation, and includes descriptions of twenty-nine species.

We have to remark on the advent of this publication, that we always regret the appearance of a new scientific journal unless

it be well supported by the "sinews of war," or have a field not already occupied by an existing one. Nevertheless, the method which marks the primitive stage of scientific organization of allowing incompetent persons to have charge of the issue of scientific serials, must result in independent publications. So whatever the *raison d'être* of the publication before us, it offers an example of the only way of escaping various abuses.

ZEITSCHRIFT FÜR WISSENSCHAFTLICHE ZOOLOGIE, Supplement May 28.—On the first embryological phases of *Tendra zostericola*, by W. Repiachoff. Contributions to a knowledge of Protozoa, by A. Schneider. On the form and signification of organic muscle-cells, by W. Flemming. Remarks on the anatomy of *Limnadia hermanni*, by F. Spangenberg. Studies on the history of the Polish Tur (*Ur, Urus, Bos primigenius*), by A. Wrzesniowski. On the unity of structure of the brain in the different orders of insects, by J. H. L. Flögel. *Archigetes sieboldi*, a sexually mature Cestode nurse, by R. Leuckart. The Epiphysis in the brain of Plagiostomes, by E. Ehlers.

ARCHIV FÜR NATURGESCHICHTE, Jahrgang 44, Heft. 3.—Herpetological studies, by J. von Bedriaga. Contribution to anatomy of the integument of mammals, by H. Ribbert. Attempt at a natural classification of the spiders, by G. Bertkau. Reflections on the theory by which season dimorphism in butterflies may be explained, by P. Kramer. Contribution to a knowledge of hermaphroditism and the spermatophores in the nephropneutic Gastropods, by G. Pfeffer.

ANNALES DES SCIENCES NATURELLES, March 20.—Observations on the structure of the eyes of crustacea and worms, by J. Chatin. Observations on the *Notommata Werneckii*, and its parasitism in the tubes of *Vaucheria*, by M. Balbiani.

JENAISCHE ZEITSCHRIFT FÜR NATURWISSENSCHAFT, March 15.—Individuality in animals, by E. Haeckel. The Leptomedusæ of Heligoland, by R. Böhm.

PSYCHE, Jan., Feb.—Recent Progress of Entomology in North America, by S. H. Scudder. Bibliographical Record.

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ERRATA.—Page 351, line 18, for *equalis* Stm. read *ochracea* Brandt. Page 353, line 24, for Sb read Stm. Page 209, line 10, for rarely read surely. Page 211, line 15 from bottom, for true lily read tree-lily.